

Polyurea Pavement Markings

Traffic Engineering Conference

Thursday August 21, 2008

Polyurea Pavement Markings

Spec. Book Stuff

- Application ambient temp. = 40 & rising
- Min. dry thickness = 20 mils
- Initial Retro readings
(+/- 30 days after placement)
 - std. beads: w-375; y-250
 - elements: w-800; y-500

Polyurea Pavement Markings

Spec. Book Stuff

- The Contractor shall be certified by the manufacturer of the polyurea pavement marking material to install the manufacturers material.
- Furnish the Engineer written confirmation of the training from the material manufacturer prior to beginning work...

Polyurea Pavement Markings

Spec. Book Stuff

- 180 Day Retro readings
(+/-30 days prior to the end of the 180 observation period)
 - std beads: w-325; y-200
 - elements: w-700; y-400

Polyurea Pavement Markings

- Is it a good marking?
YES!
- Is it the greatest thing since sliced bread?
NO!
- Has it worked well in the past
YES!
- Have we had “issues” in the past?
YES! (But no more than any other pavement marking)

Polyurea Pavement Markings

- Polyurea is a relatively new product compared to paint or thermoplastic pavement markings.
- As with any product, there will be circumstances where “issues” arise.

Polyurea Pavement Markings

- But so far (with the help of our excellent DTEs & Traffic Services Staff, Resident Engineers and the Material and Test Unit) we have determined that...
- The most common causes of “issues” are: installation, surface preparation, type of pavement, pavement surface condition, live traffic, etc.



**ANY QUESTIONS
on
POLYUREA?**

Pavement Marking Incentive Pay Update

- What we have seen doing our audits.
- Some good, some bad, Overall Great!!
- We have seen a new color- tan cl paint?

Pavement Marking Incentive Pay Update

- One Coat vs. Two Coats

answer: final acceptable line to get credit
for the striping (one coat or four coats)

Pavement Marking Incentive Pay Update

- We are about to start our audits again around the middle of October. We will be contacting you to set up times.

Pavement Marking Incentive Pay Update

- What do we do when we reach a plateau?
“We just can’t improve anymore?”
- Any ideas?

Pavement Marking Incentive Pay Update

- One option could be to average the last 3 years of production and make that our baseline. (road oil method)
- Remember, any changes, ideas, proposals, etc. must be approved by the Pavement Marking Incentive Pay committee



ANY QUESTIONS
on
PAVEMENT MARKING
INCENTIVE PAY



Meredith McDiarmid, P.E.
Chris Howard
Davin Schmidt
919.250.4159

